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LOGINID: SSSPTA1623PAZ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated and searchable
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in CA/CAplus
NEWS 5 FEB 05 German (DE) application and patent publication number format changes
NEWS 6 MAR 03 MEDLINE and LMEDLINE reloaded
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 03 FRANCEPAT now available on STN
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN
NEWS 10 MAR 29 WPI/IV now available on STN
NEWS 11 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12 APR 26 PROMT: New display field available
NEWS 13 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS 14 APR 26 LITALERT now available on STN
NEWS 15 APR 27 NLDB: New search and display fields available
NEWS 16 May 10 PROUSDDR now available on STN
NEWS 17 May 19 PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS 18 May 12 EXTEND option available in structure searching
NEWS 19 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 20 May 17 FRFULL now available on STN

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
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NEWS PHONE Direct Dial and Telecommunication Network Access to STN
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Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 08:43:07 ON 24 MAY 2004

=> file reg
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

FILE 'REGISTRY' ENTERED AT 08:43:18 ON 24 MAY 2004
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STRUCTURE FILE UPDATES: 23 MAY 2004 HIGHEST RN 685087-62-1
DICTIONARY FILE UPDATES: 23 MAY 2004 HIGHEST RN 685087-62-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

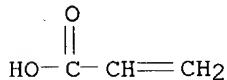
=> e zinc acrylate/cn
E1 1 ZINC ACEXAMATE/CN
E2 1 ZINC ACID PHOSPHATE/CN
E3 1 --> ZINC ACRYLATE/CN
E4 1 ZINC ACRYLATE HOMOPOLYMER/CN
E5 1 ZINC ACRYLATE POLYMER/CN
E6 1 ZINC ACRYLATE-CALCIUM ACRYLATE-LAURYL VINYL ETHER COPOLYMER/
CN
E7 1 ZINC ACRYLATE-CALCIUM ACRYLLATE-LAURYL VINYL ETHER POLYMER/C
N
E8 1 ZINC ACRYLATE-LAURYL VINYL ETHER COPOLYMER/CN
E9 1 ZINC ACRYLATE-LAURYL VINYL ETHER POLYMER/CN
E10 1 ZINC ACRYLATE-STYRENE COPOLYMER/CN
E11 1 ZINC ACRYLATE-VINYL CHLORIDE COPOLYMER/CN
E12 1 ZINC ADIPATE/CN

=> e3
L1 1 "ZINC ACRYLATE"/CN

=> d 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 14643-87-9 REGISTRY
CN 2-Propenoic acid, zinc salt (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Acrylic acid, zinc salt (8CI)
CN Zinc acrylate (7CI)
OTHER NAMES:
CN Actor ZA
CN Blemmer S 122
CN RR-ZDA
CN Saret 633
CN Sartomer 633
CN SR 111

CN SR 526
 CN SR 633
 CN SR 633 (acrylate)
 CN SR 705
 CN SR 706
 CN Zinc diacrylate
 CN Zinc(II) acrylate
 CN ZNDA 90S
 DR 120220-24-8, 113329-02-5, 70507-67-4, 142605-01-4, 191744-27-1
 MF C3 H4 O2 . 1/2 Zn
 CI COM
 LC STN Files: BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMLIST, CIN, CSCHEM, GMELIN*, IFICDB, IFIPAT, IFIUDB, PIRA, PROMT,
 TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA CAplus document type: Conference; Journal; Patent
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);
 NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); PREP (Preparation); PRP (Properties); USES (Uses)
 RL.NP Roles from non-patents: PREP (Preparation); PROC (Process); PRP
 (Properties); RACT (Reactant or reagent); USES (Uses)
 RLD.NP Roles for non-specific derivatives from non-patents: PREP
 (Preparation); PRP (Properties); USES (Uses)
 CRN (79-10-7)



●1/2 Zn

484 REFERENCES IN FILE CA (1907 TO DATE)
 27 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 485 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	7.04	7.25

FILE 'CAPLUS' ENTERED AT 08:44:38 ON 24 MAY 2004
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FILE COVERS 1907 - 24 May 2004 VOL 140 ISS 22
FILE LAST UPDATED: 23 May 2004 (20040523/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> 11
L2 485 L1

=> aspect
65802 ASPECT
186544 ASPECTS
L3 248881 ASPECT
(ASPECT OR ASPECTS)

=> 12 and 13
L4 2 L2 AND L3

=> d 14 1-2 ti fbib abs

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
TI Solvent-developable printing formulations with improved processing characteristics
AN 2003:312627 CAPLUS
DN 138:311629
TI Solvent-developable printing formulations with improved processing characteristics
IN Hu, Yuxin; Jacobsen, Nathan J.
PA Napp Systems, Inc., USA
SO U.S., 10 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6551756	B1	20030422	US 2000-624104	20000724
				US 2000-624104	20000724

AB The present invention relates to solvent-developable printing formulations useful for the manufacture of printing plates. In particular, the present invention provides formulations which exhibit markedly improved processing characteristics when deposited on a printing plate, such as reduced tack, increased image resolution, and/or improved mech. properties, e.g., tensile strength, elongation. In accordance with another aspect of the invention, there are provided methods for the preparation of said formulations and methods for use thereof.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
TI Solid golf balls
AN 1994:511283 CAPLUS
DN 121:111283
TI Solid golf balls
IN Tokui, Yasuyuki; Tomohara, Taku; Morimoto, Takuro
PA Asics Corp, Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06079018	A2	19940322	JP 1992-263184	19920903
	JP 2559318	B2	19961204	JP 1992-263184	19920903
AB	Solid golf balls are made from rubber compns. containing ≥ 2 butadiene rubbers with weight-av mol. weight (Mw) 50×10^4 - 70×10^4 , Mw/Mn (number-average mol. weight) 2-3, and $\geq 80\%$ cis-1,4-configuration, crosslinking agents, peroxides, metal oxides, and 1-10 phr microfibers with aspect ratio ≥ 10 and length 1-300 μm . A golf ball was manufactured by using a composition containing 50 parts BR 150L, 50 parts BR 360L, 20 parts Zn acrylate, 3 parts dicumyl peroxide, 15 parts ZnO, and 3 parts fine fiber Tismo D. The ball had good durability, impact resilience, and compressive strength.				

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	12.15	19.40
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.39	-1.39

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 08:51:59 ON 24 MAY 2004

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FULL ESTIMATED COST	12.15	19.40
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.39	-1.39

=> d his

(FILE 'HOME' ENTERED AT 08:43:07 ON 24 MAY 2004)

FILE 'REGISTRY' ENTERED AT 08:43:18 ON 24 MAY 2004
E ZINC ACRYLATE/CN

L1 1 E3

FILE 'CAPLUS' ENTERED AT 08:44:38 ON 24 MAY 2004

L2 485 L1
L3 248881 ASPECT
L4 2 L2 AND L3

=> compaction
18299 COMPACTION
97 COMPACTIONS
L5 18347 COMPACTION
(COMPACTION OR COMPACTIONS)

=> l1 and l5
485 L1
L6 0 L1 AND L5

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.72	22.97
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.39	-1.39

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.72	22.97
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.39	-1.39

=> d his

(FILE 'HOME' ENTERED AT 08:43:07 ON 24 MAY 2004)

FILE 'REGISTRY' ENTERED AT 08:43:18 ON 24 MAY 2004
E ZINC ACRYLATE/CN

L1 1 E3

FILE 'CAPLUS' ENTERED AT 08:44:38 ON 24 MAY 2004
L2 485 L1
L3 248881 ASPECT
L4 2 L2 AND L3
L5 18347 COMPACTION
L6 0 L1 AND L5

=> crystal?

1571264 CRYSTAL?

314648 CRYST

1798 CRYSTS

315915 CRYST

(CRYST OR CRYSTS)

83296 CRYSTD

16676 CRYSTG

212679 CRYSTN

2258 CRYSTNS

213946 CRYSTN

(CRYSTN OR CRYSTNS)

L7 1850081 CRYSTAL?

(CRYSTAL? OR CRYST OR CRYSTD OR CRYSTG OR CRYSTN)

=> l1 and 17

485 L1

L8 9 L1 AND L7

=> d 18 1-9 ti

L8 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI Synthesis of α -willemite nanoparticles by post-calcination of flame-made zinc oxide/silica composites

L8 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI Homogeneous ZnO Nanoparticles by Flame Spray Pyrolysis

L8 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI Adhesion of modified PE/EPDM blends to steel

L8 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI Polymer dispersion type liquid **crystal** display panel with good light scattering property and high-contrast and its manufacture

L8 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI Noise gratings recorded with single-beam exposures in liquid holographic photopolymers

L8 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI golf ball core compositions

L8 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI Network fiber-reinforced rubber compositions and their manufacture

L8 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI Preparation of 2-hydroxymethylphenol

L8 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI Modified **crystalline** propylene polymer

=> l1(1)17

485 L1

L9 2 L1(L)L7

=> d 19 1-2 ti fbib abs

L9 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

TI Polymer dispersion type liquid crystal display panel with good light scattering property and high-contrast and its manufacture

AN 1997:456859 CAPLUS

DN 127:88143
TI Polymer dispersion type liquid crystal display panel with good light scattering property and high-contrast and its manufacture
IN Senda, Hideo; Yoshida, Hideshi; Nakamura, Kimiaki; Tsuda, Hideaki
PA Fujitsu Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09127488	A2	19970516	JP 1995-284723	19951101
				JP 1995-284723	19951101

AB In the title display panel having a pair of transparent electrode-bearing substrates, the substrate has on its surface a multi-functional (meth)acrylate-based layer, a polymer-dispersion type liquid crystal precursor is placed between 2 substrates, and the panel is obtained by impressed an active energy such as UV- beam or heat. The display panel is driven by an active matrix and can be used for projection-type optical apparatus

L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
TI Network fiber-reinforced rubber compositions and their manufacture
AN 1995:360638 CAPLUS
DN 122:216354
TI Network fiber-reinforced rubber compositions and their manufacture
IN Shioyama, Tsutomu; Hamano, Naoki
PA Bando Chemical Ind, Japan
SO Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06299004	A2	19941025	JP 1993-87323	19930414
	JP 3384499	B2	20030310	JP 1993-87323	19930414

AB The compns., useful for belts (no data), are manufactured by kneading 100 parts crosslinkable rubbers and 0.5-130 parts liquid-crystalline polymers above the heat-distortion temperature of the liquid-crystalline polymers and then kneading below the heat-distortion temperature. The high-temperature kneading may be carried out in

the optional presence of resorcinol-formaldehyde precondensates or resorcinol-alkylphenol-formaldehyde precondensates, followed by low-temperature kneading in the optional presence of methylolated melamines, or the whole kneading may be carried out in the presence of metal salts of carboxy-containing vinyl monomers. Thus, a mixture of Zetpol 2020 100, Novaccurate E 310 (liquid-crystalline polymer) 1, and Nocrac 200 3 parts was kneaded at 180° for 10 min, then kneaded at 60° for 10 min, mixed with 5 parts Peroximon F 40, and kneaded in rolls at .apprx.60° to give a rubber composition containing fibrillated liquid-crystalline polymer, which was extruded through rolls to give a 1-mm-thick sheet and press-cured at 160° for 30 min. The sheet showed modulus 3.4 MPa, 50% modulus 0.8 MPa, breaking strength 17.4 MPa, and elongation at break 580% in the direction of sheet extrusion, vs. 2.9, 0.6, 10.3, and 430, resp., in the absence of Novaccurate E 310.

=> logoff hood

'HOOD' IS NOT VALID HERE
For an explanation, enter "HELP LOGOFF".

=> logoff hold			
COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
	ENTRY	SESSION	
FULL ESTIMATED COST	28.52	35.77	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL	
	ENTRY	SESSION	
CA SUBSCRIBER PRICE	-2.77	-2.77	

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 09:45:00 ON 24 MAY 2004

Connecting via Winsock to STN

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LOGINID: SSSPTA1623PAZ

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SESSION RESUMED IN FILE 'CPLUS' AT 10:32:07 ON 24 MAY 2004
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	28.52	35.77
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.77	-2.77

=> d his

(FILE 'HOME' ENTERED AT 08:43:07 ON 24 MAY 2004)

FILE 'REGISTRY' ENTERED AT 08:43:18 ON 24 MAY 2004
E ZINC ACRYLATE/CN

L1 1 E3

FILE 'CAPLUS' ENTERED AT 08:44:38 ON 24 MAY 2004

L2	485	L1
L3	248881	ASPECT
L4	2	L2 AND L3
L5	18347	COMPACTIC
L6	0	L1 AND L5
L7	1850081	CRYSTAL?
L8	9	L1 AND I
L9	2	L1(L) L7

```
=> aspect_ratio
    65802 ASPECT
    186544 ASPECTS
    248881 ASPECT
                    (ASPECT OR ASPECTS)
    999810 RATIO
    274834 RATIOS
```

1185960 RATIO
(RATIO OR RATIOS)
L10 20384 ASPECT RATIO
(ASPECT (W) RATIO)

=> 11 and 110
485 L1
L11 1 L1 AND L10

=> d 111

L11 ANSWER 1 OF 1 CAPIUS COPYRIGHT 2004 ACS on STN
AN 1994:511283 CAPIUS
DN 121:111283
TI Solid golf balls
IN Tokui, Yasuyuki; Tomohara, Taku; Morimoto, Takuro
PA Asics Corp, Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF

DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06079018	A2	19940322	JP 1992-263184	19920903
	JP 2559318	B2	19961204		
PRAI	JP 1992-263184		19920903		

=> file reg
COST IN U.S. DOLLARS
FULL ESTIMATED COST
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
CA SUBSCRIBER PRICE

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	34.09	41.34
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.77	-2.77

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DICTIONARY FILE UPDATES: 23 MAY 2004 HIGHEST RN 685087-62-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

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Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> e z2inc methacrylate/cn
E1 1 Z2CT20/CN

E2 1 Z2CTNB18/CN
E3 0 --> Z2INC METHACRYLATE/CN
E4 1 Z2NCDU25-20/CN
E5 1 Z2NCDU25-20AZ/CN
E6 1 Z2NCDU25.20.04-M/CN
E7 1 Z2NCDU31-27/CN
E8 1 Z2NCDUW25-20/CN
E9 1 Z2NCDUW25-20M/CN
E10 1 Z2NKD18-8-5/CN
E11 1 Z2NKTD18/CN
E12 2 Z3/CN

=> e zinc methacrylate/cn
E1 1 ZINC METATELLURATE (ZNTEO4)/CN
E2 1 ZINC METAVANADATE (ZNV2O6)/CN
E3 1 --> ZINC METHACRYLATE/CN
E4 1 ZINC METHACRYLATE HOMOPOLYMER/CN
E5 1 ZINC METHACRYLATE TRIS(2,4-PENTANEDIONATO)ZINCATE/CN
E6 1 ZINC METHACRYLATE-METHYL METHACRYLATE COPOLYMER/CN
E7 1 ZINC METHALLIBURE/CN
E8 1 ZINC METHANEDISULFONATE/CN
E9 1 ZINC METHANESULFINATE/CN
E10 1 ZINC METHANESULFONATE/CN
E11 1 ZINC METHANESULFONATE TETRAHYDRATE/CN
E12 1 ZINC METHANETRISULFONATE/CN

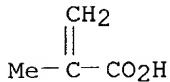
=> e3
L12 1 "ZINC METHACRYLATE"/CN

=> d l12

L12 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 13189-00-9 REGISTRY
CN 2-Propenoic acid, 2-methyl-, zinc salt (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Methacrylic acid, zinc salt (8CI)
OTHER NAMES:
CN Actor ZMA
CN Hi-Cross ZT
CN R 205
CN R 205 (acrylate)
CN R 20S
CN San Ester SK 30
CN Saret 634
CN Sartomer 634
CN SK 30
CN SR 634
CN SR 708
CN Zinc dimethacrylate
CN Zinc methacrylate
DR 162630-63-9
MF C4 H6 O2 . 1/2 Zn
CI COM
LC STN Files: BIOSIS, CA, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, IFICDB,
IFIPAT, IFIUDB, PROMT, USPAT2, USPATFULL
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

DT.CA CAplus document type: Conference; Journal; Patent
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
reagent); USES (Uses); NORL (No role in record)
RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
study); PREP (Preparation); PRP (Properties); USES (Uses)

RL.NP Roles from non-patents: FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
RLD.NP Roles for non-specific derivatives from non-patents: PREP (Preparation); PRP (Properties); USES (Uses)
CRN (79-41-4)



● 1/2 Zn

389 REFERENCES IN FILE CA (1907 TO DATE)
33 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
390 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus			
COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
	ENTRY	SESSION	
FULL ESTIMATED COST	7.04	48.38	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL	
	ENTRY	SESSION	
CA SUBSCRIBER PRICE	0.00	-2.77	

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FILE COVERS 1907 - 24 May 2004 VOL 140 ISS 22
FILE LAST UPDATED: 23 May 2004 (20040523/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> 112
L13 390 L12

=> d his

(FILE 'HOME' ENTERED AT 08:43:07 ON 24 MAY 2004)

FILE 'REGISTRY' ENTERED AT 08:43:18 ON 24 MAY 2004
E ZINC ACRYLATE/CN

L1 1 E3

FILE 'CAPLUS' ENTERED AT 08:44:38 ON 24 MAY 2004
L2 485 L1
L3 248881 ASPECT
L4 2 L2 AND L3
L5 18347 COMPACTION
L6 0 L1 AND L5
L7 1850081 CRYSTAL?
L8 9 L1 AND L7
L9 2 L1(L) L7
L10 20384 ASPECT RATIO
L11 1 L1 AND L10

FILE 'REGISTRY' ENTERED AT 10:33:28 ON 24 MAY 2004
E Z2INC METHACRYLATE/CN
E ZINC METHACRYLATE/CN

L12 1 E3

FILE 'CAPLUS' ENTERED AT 10:34:23 ON 24 MAY 2004
L13 390 L12

=> l10 and l13
L14 0 L10 AND L13

=> logoff hold		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.44	48.82
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.77

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:34:48 ON 24 MAY 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 10:58:42 ON 24 MAY 2004
FILE 'CAPLUS' ENTERED AT 10:58:42 ON 24 MAY 2004
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.44	48.82
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.77

=> logoff hopld
'HOPLD' IS NOT VALID HERE
For an explanation, enter "HELP LOGOFF".

=> logoff hold			
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION	
FULL ESTIMATED COST	0.44	48.82	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION	
CA SUBSCRIBER PRICE	0.00	-2.77	

SESSION WILL BE HELD FOR 60 MINUTES
 STN INTERNATIONAL SESSION SUSPENDED AT 10:58:55 ON 24 MAY 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
 SESSION RESUMED IN FILE 'CAPLUS' AT 11:41:20 ON 24 MAY 2004
 FILE 'CAPLUS' ENTERED AT 11:41:20 ON 24 MAY 2004
 COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION	
FULL ESTIMATED COST	0.44	48.82	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION	
CA SUBSCRIBER PRICE	0.00	-2.77	

=> compaction

18299	COMPACTION		
97	COMPACTIONS		
L15	18347	COMPACTION	
(COMPACTION OR COMPACTIONS)			

=> d his

(FILE 'HOME' ENTERED AT 08:43:07 ON 24 MAY 2004)

FILE 'REGISTRY' ENTERED AT 08:43:18 ON 24 MAY 2004		
E ZINC ACRYLATE/CN		
L1	1	E3

FILE 'CAPLUS' ENTERED AT 08:44:38 ON 24 MAY 2004			
L2	485	L1	
L3	248881	ASPECT	
L4	2	L2 AND L3	
L5	18347	COMPACTION	
L6	0	L1 AND L5	
L7	1850081	CRYSTAL?	
L8	9	L1 AND L7	
L9	2	L1(L)L7	
L10	20384	ASPECT RATIO	
L11	1	L1 AND L10	

FILE 'REGISTRY' ENTERED AT 10:33:28 ON 24 MAY 2004

E Z2INC METHACRYLATE/CN
 E ZINC METHACRYLATE/CN
 L12 1 E3
 FILE 'CAPLUS' ENTERED AT 10:34:23 ON 24 MAY 2004
 L13 390 L12
 L14 0 L10 AND L13
 L15 18347 COMPACTION

 => "degree of compaction"
 3868102 "DEGREE"
 84493 "DEGREES"
 3927973 "DEGREE"
 ("DEGREE" OR "DEGREES")
 0 "OF"
 154 "OFS"
 154 "OF"
 ("OF" OR "OFS")
 18299 "COMPACTION"
 97 "COMPACtIONS"
 18347 "COMPACTION"
 ("COMPACTION" OR "COMPACtIONS")
 L16 0 "DEGREE OF COMPACTION"
 ("DEGREE" (W) "OF" (W) "COMPACTION")

 => 15 and 17
 L17 1475 L5 AND L7

 => 15(1)17
 L18 1130 L5(L) L7

 =>
 => logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	20.41	68.79

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.77

SESSION WILL BE HELD FOR 60 MINUTES
 STN INTERNATIONAL SESSION SUSPENDED AT 11:58:30 ON 24 MAY 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
 * * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
 SESSION RESUMED IN FILE 'CAPLUS' AT 12:11:14 ON 24 MAY 2004
 FILE 'CAPLUS' ENTERED AT 12:11:14 ON 24 MAY 2004
 COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	20.41	68.79

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.77

=> save temp all znacrylate/a
'ZNACRYLATE/A' IS NOT ALLOWED WITH ALL
The saved name of an L# list must end with '/L'.

=> save temp all znacrylate/l
L# LIST L1-L18 HAS BEEN SAVED AS 'ZNACRYLATE/L'

=> logoff hold
COST IN U.S. DOLLARS
SINCE FILE ENTRY SESSION
FULL ESTIMATED COST 21.28 69.66

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.77

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 12:12:13 ON 24 MAY 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: SSSPTA1623PAZ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated and searchable
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in CA/Cplus
NEWS 5 FEB 05 German (DE) application and patent publication number format changes
NEWS 6 MAR 03 MEDLINE and LMEDLINE reloaded
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 03 FRANCEPAT now available on STN
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN
NEWS 10 MAR 29 WPIFV now available on STN
NEWS 11 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12 APR 26 PROMT: New display field available
NEWS 13 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS 14 APR 26 LITALERT now available on STN
NEWS 15 APR 27 NLDB: New search and display fields available
NEWS 16 May 10 PROUSDDR now available on STN
NEWS 17 May 19 PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS 18 May 12 EXTEND option available in structure searching
NEWS 19 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 20 May 17 FRFULL now available on STN